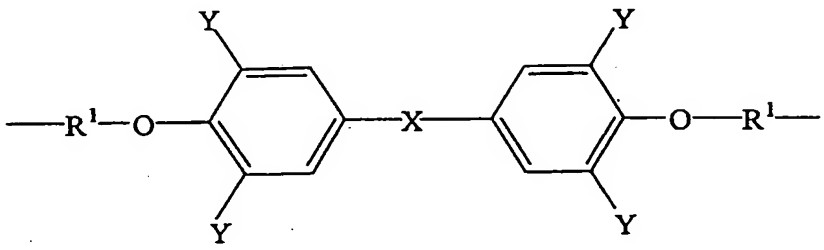
IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A photosensitive resin composition for optical waveguide formation, comprising:

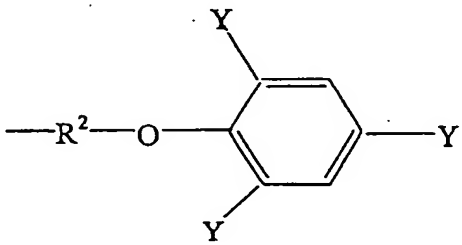
(A) a di(meth)acrylate having the structure represented by the following general formula (1):



(1)

(wherein R^1 is $-(OCH_2CH_2)_m-$, $-(OCH(CH_3)CH_2)_m-$, or $-OCH_2CH(OH)CH_2-$; X is $-C(CH_3)_2-$, $-CH_2-$,$-O-$, or $-SO_2-$; Y is a hydrogen atom or a halogen atom; m is an integer of 0 to 4);

(B) a mono(meth)acrylate having the structure represented by the following general formula (2):



(2)

(wherein R^2 is $-(OCH_2CH_2)_p-$, $-(OCH(CH_3)CH_2)_p-$, or $-OCH_2CH(OH)CH_2-$; Y is a hydrogen atom, a halogen atom, Ph-$C(CH_3)_2-$, Ph-, or an alkyl group having 1 to 20 carbon atoms; p is an integer of 0 to 4; Ph is a phenyl group);

(C) a photoradical polymerization initiator; and tris(2-acryloyloxyethyl)isocyanurate.

Claim 2 (Original): The photosensitive resin composition for optical waveguide formation according to claim 1, wherein the weight ratio (A/B) of said component (A) to said component (B) is 0.3 to 5.0.

Claim 3 (Currently Amended): The photosensitive resin composition for optical waveguide formation according to ~~claims 1 or 2~~ claim 1, wherein the total amount of said component (A) and said component (B) in said resin composition is 30 wt.% or higher.

Claim 4 (Currently Amended): The photosensitive resin composition for optical waveguide formation according to ~~any one of claims 1 to 3~~ claim 1, wherein the amount added of said tris(2-acryloyloxyethyl)isocyanurate is 10 to 25% by weight.

Claim 5 (Currently Amended): The photosensitive resin composition for optical waveguide formation according to ~~any one of claims 1 to 4~~ claim 1, wherein the refractive index of the cured product of said resin composition at 25°C and 824 nm is 1.54 or higher.

Claim 6 (Currently Amended): The photosensitive resin composition for optical waveguide formation according to ~~any one of claims 1 to 5~~ claim 1, wherein the glass transition temperature (Tg) of the cured product of said resin composition is 80°C or higher.

Claim 7 (Currently Amended): An optical waveguide comprising a core layer, and a clad layer formed by lamination on said core layer, wherein said core layer and/or said clad

layer is composed of the cured product of the resin composition of ~~any one of claims 1 to 6~~ claim 1.

Claim 8 (Currently Amended): A method for manufacturing an optical waveguide, comprising a step of irradiating the resin composition of ~~any one of claims 1 to 6~~ claim 1 with radiation via a photomask and curing said resin composition.